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Chief, St/I/R, ATTN: Mr. [REDACTED]

26 November 1958

THRU : Chief, D/S

Chief, S/COM

S/COM Contribution to OCI Periodic Requirements Lists for the USSR
for the Period 1 January - 30 April 1959.

REF : St/I Notice 202, 17 November 1958

III. Economic

I. Telecommunications

One of the most current and promising telecommunications developments in the Soviet Union has been in the field of tropospheric and ionospheric scattering techniques. The perfection of such techniques, which permit the propagation of ultra-high frequency (UHF) radio waves between stations located from about 200 to 1,500 miles apart, would enable the Soviet Union to establish a much needed network of relatively secure, reliable, and, in the case of tropospheric scatter, high capacity facilities for either civil or military use. Open source materials report the establishment thus far of only two experimental circuits, one a tropospheric scatter circuit between Frunze and Prezheval'sk, and the other an ionospheric scatter circuit between Leningrad and Murmansk. Additional information, however, indicates that there are a number of other scatter circuits operational in the USSR. (SECRET) Information is desired concerning the terminals and routes of ionospheric and tropospheric scatter circuits -- experimental, operational, or planned -- their capacities, and their civil or military organizational subordination. (SECRET)

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Distribution:

0 & 1 - Addressee ✓

1 - Chief, D/S ✓

1 - Requirements

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